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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: [year=2009; month=3; day=6; hr=15; min=32; sec=18; ms=271;]

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Application No: 10593413 Version No: 2.0

Input Set:

Output Set:

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Finished: 2009-02-13 08:53:41.640
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 362 ms
Total Warnings: 9
Total Errors: 0
No. of SeqIDs Defined: 11
Actual SeqID Count: 11

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SEQUENCE LISTING

<110> Kim, Hyo-Joon

<120> ANTI-OBESE IMMUNOGENIC HYBRID POLYPEPTIDES AND ANTI-OBESE VACCINE
COMPOSITION COMPRISING THE SAME

<130> 0220.00002

<140> 10593413

<141> 2009-02-13

<160> 11

<170> PatentIn version 3.5

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<212> PRT

<213> Artificial Sequence

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<223> Synthesized

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 cctatcttca atgatgttta ttggattgca ttcctcgacc gtaatgttcc tcctatcttc 180

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 Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile
 20 25 30

 Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp
 35 40 45

 Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr
 50 55 60

 Trp Ile Ala Phe
 65

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 <212> DNA
 <213> Hepatitis B virus

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cccatatcgt caatcttctc gaggactggg gaccctgcac cgaacctcga gcggtcataa 180

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<211> 59

<212> PRT

<213> Hepatitis B virus

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1 5 10 15

Val Arg Gly Leu Tyr Phe Pro Ala Gly Gly Ser Ser Ser Gly Thr Val
20 25 30

Asn Pro Val Pro Thr Thr Ala Ser Pro Ile Ser Ser Ile Phe Ser Arg
35 40 45

Thr Gly Asp Pro Ala Pro Asn Leu Glu Arg Ser
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<210> 8

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<212> DNA

<213> Artificial Sequence

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atcttcaatg atgtttattg gattgcattc ctcgaccgta atgttcctcc tatcttcaat 180

gatgtttatt ggattgcatt cctcgaccgt aatgttctcc ctatcttcaa tgatgtttat 240

tggattgcat tcctcgacat gcagtggaac tccaccacat tccaccaagc tctgctagat 300

cccagagtga ggggcctata ttttctgct ggtggctcca gttccggaac agtaaaccct 360

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Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr
35 40 45

Trp Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val
50 55 60

Tyr Trp Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp
65 70 75 80

Val Tyr Trp Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn
85 90 95

Asp Val Tyr Trp Ile Ala Phe Leu Asp Met Gln Trp Asn Ser Thr Thr
100 105 110

Phe His Gln Ala Leu Leu Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro
115 120 125

Ala Gly Gly Ser Ser Ser Gly Thr Val Asn Pro Val Pro Thr Thr Ala
130 135 140

Ser Pro Ile Ser Ser Ile Phe Ser Arg Thr Gly Asp Pro Ala Pro Asn
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Leu Glu Arg Ser

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tattttcctg ctggtggctc cagttccgga acagtaaacc ctgttccgac tactgcctca      180
cccatatcgt caatcttctc gaagactggg gaccctgcac cgaacctcga ccgtaatgtt      240
cctcctatct tcaatgatgt ttattggatt gcattcctcg accgtaatgt tcctcctatc      300
ttcaatgatg ttattggat  tgcattcctc gaccgtaatg ttctcctat cttcaatgat      360
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Leu Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro Ala Gly Gly Ser Ser
35              40              45
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```
Ser Gly Thr Val Asn Pro Val Pro Thr Thr Ala Ser Pro Ile Ser Ser
50              55              60
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Ile Phe Ser Leu Thr Gly Asp Pro Ala Pro Asn Leu Asp Arg Asn Val
65              70              75              80
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```
Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp Arg Asn
85              90              95
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Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp Arg
100             105             110
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Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp
115 120 125

Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe
130 135 140